Announcement and Call for Papers **Boulder, Colorado, September 26-28, 2000**

Symposium on Optical Fiber Measurements

Sponsored by the National Institute of Standards and Technology in Cooperation with the IEEE Lasers and Electro-Optics Society and the Optical Society of America

SOFM

A forum devoted entirely to measurements supporting lightwave technology

Fibers,
Integrated Optics,
Components,
and
Systems

GENERAL INFORMATION

The Symposium will be held in the meeting rooms of the Department of Commerce Laboratories in Boulder, CO. The Laboratories contain facilities of the National Institute of Standards and Technologies, the National Oceanic and Atmospheric Administration, and the National Telecommunications and Information Administration.

Boulder is located at the eastern edge of the Rocky Mountains, about 70 km northwest of the Denver International Airport. Transportation from the airport is by rental car, limousine (van), or bus. A limited number of hotel rooms will be available within walking distance of the laboratories. Further information can be obtained by returning the form below.

A reception will be held the evening of September 26. A registration fee will be charged to defray Symposium expenses.

CALL FOR PAPERS

This is the 20th year for the Symposium on Optical Fiber Measurements, which takes place every other year. The 2 ½ - day meeting is devoted entirely to the topic of measurements on fibers, integrated optics, components, and systems. The Symposium consists entirely of contributed and invited papers.

Experimental and analytical papers are solicited on any measurement aspect of guided lightwave technology. Examples include measurements on the following:

Optical Fiber
Telecom, sensors, fiber lasers/amplifiers
Integrated Optics
Planar waveguides, photonic crystals, MEMs
Components
Amplifiers, lasers, detectors, modulators, switches, couplers
Systems
Long haul, LANs/subscriber loops, WDM, TDM
Standards
Field and laboratory instrumentation

Examples of typical measurements include:

Attenuation/loss
Chromatic dispersion
Cross talk
Cutoff wavelength
Effective area
Effective index
Four wave mixing efficiency
Index of refraction profile
Mode-field diameter
Nonlinear coefficients
Polarization dependent loss
Polarization-mode dispersion

Those wishing to present a paper must submit a summary of not more than four pages, including figures, tables, and references. Summaries of accepted papers will be published in a Technical Digest, distributed at the Symposium. They must be typed, camera-ready originals on 8.5 x 11 inch white paper with 1 inch margins. The title should be at the top of the first page, followed by the author's name(s) and affiliation(s). Phone and FAX numbers and email addresses of the primary author should be provided, but not included in the summary.

DEADLINE for the receipt of summaries is **June 2, 2000** – Contributors will be notified of the committee's decision by the middle of July.

Submit summaries to:
Paul Williams
Symposium on Optical Fiber Measurements
NIST (815.02)
325 Broadway, Boulder, CO 80303

For information contact:
Wendy Ortega Henderson
(303) 497-3693, email:
ortegaw@boulder.nist.gov
or at http://www.boulder.nist.gov/blconf.htm

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Cut here and mail this form in a separate envelope or e-mail to ortegaw@boulder.nist.gov

SYMPOSIUM ON OPTICAL FIBER MEASUREMENTS, BOULDER, COLORADO, SEPTEMBER 26-28, 2000

☐ **Please send me registration materials, accommodation information, and a copy of the program (available in July).**

☐ **I intend to submit an abstract tentatively entitled** _____

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Name _____
Organization _____
Address _____
_____
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Return to:
Wendy Ortega Henderson
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